

Science Toolkit: Grade 6 Objective 2.C.2.b

Student Handout: Science: Grade 6 Objective 2.C.2.b

Standard 2.0 Earth/Space Science

Topic C. Plate Tectonics

Indicator 2. Recognize and explain how major geologic events are a result of the movement of Earth's crustal plates.

Objective b. Recognize and explain that major geologic events (earthquakes, volcanic activity, sea floor spreading) occur along crustal plate boundaries.

Selected Response (SR) Item

Question

The Aleutian Trench in the Pacific Ocean lies between Alaska and Russia. Volcanic eruptions formed a chain of islands, called the Aleutian Islands, north of the trench.



The Aleutian Trench and Islands indicate the location where

- A. the waters of two oceans meet
- B. the edges of two tectonic plates meet
- C. sedimentary rocks touch metamorphic rocks
- D. a stream of fresh water runs under the ocean

Correct Answer

B. the edges of two tectonic plates meet

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